

SABIC® LDPE Powder 1965P3

Low Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® LDPE Powder 1965P3 is an additive free CTR® tubular grade with a typically high purity. The grade is supplied in powder form.

Application

SABIC® LDPE Powder 1965P3 typically suitable for textile coating, carpet backing and compounding applications. The very fine particle size makes the grade typically suitable for delicate tissues in textile coating. For compounding very fine incorporation in mixtures or blends is possible. The very high MFR provides a very low zero shear viscosity or flow in extrusion processes.

This product is not intended for and must not be used in any pharmaceutical/medical applications.

General Information			
Features	Additive Free		
	High Flow		
	High Purity		
	Low Density		
	Low Viscosity		
Uses	Carpet Backing		
	Coating Applications		
	Compounding		
	Textile Applications		
Forms	Powder		
Processing Method	Compounding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183
Apparent Density	0.34	g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	65	g/10 min	ISO 1133
Particle Size - Powder	< 350	µm	ASTM E1181
Enthalpy Change	95.0	J/g	DIN 53765
Dry Flow	25.0	sec	ISO 6186
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	75.0	°C	ISO 306/A
Melting Temperature (DSC)	104	°C	DIN 53765

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